



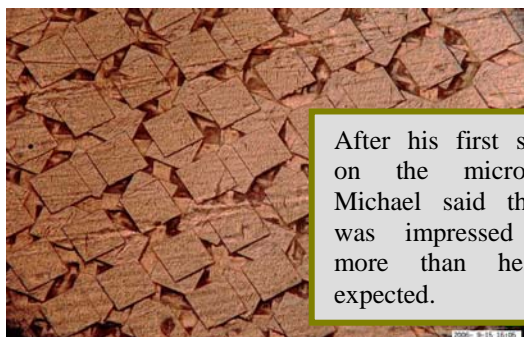
Applied Research Center Student Newsletter

WORK IN PROGRESS



Michael Klopf (left) is a Jlab/FEL post-doc working for Gwyn Williams. He visited our lab for the first time September 13th. He intends to use our variable angle ellipsometer to measure real and imaginary parts of the index of refraction of semiconductor single crystal films.

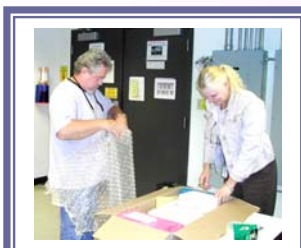
When Michael was shown the equipment in our lab, he was fascinated by the HIROX microscope and decided to start using it for his projects.



After his first session on the microscope, Michael said that he was impressed even more than he had expected.

Pictured above is the surface of THz band pass filter. This image was obtained by Michael using the HIROX microscope.

DEKTAC MAINTENANCE



Pictured on the left are Richard Proper and Amy Wilkerson, packing the Dektac profilometer. It is heading back to Veeco for repair and maintenance.

LAB VISITORS



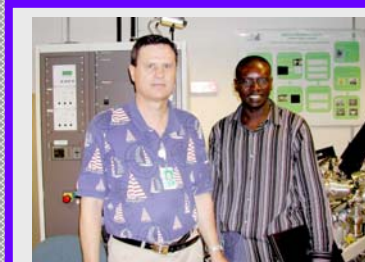
On September 15th Irina Novikova and her husband Evgueni visited our lab.

Irina is a WM physics Assistant Professor. Evgueni is a WM visiting professor.



Their research interests lay in Atomic, Molecular, and Optical Physics experiments. Olga Trofimova (both pictures, left) showed them our lab equipment and talked about current experiments and projects taking place in the lab.

On September 15th, two more visitors arrived to visit our labs. Pictured below are ODU Professor, Dr. Baumgart (left), and Kanda Tapily, an ODU graduate student. Kanda's research project centers around the atomic layer deposition of high-k dielectrics for gate stack engineering. Olga demonstrated some of the lab equipment available for use.



Editors / photographers: Amy Wilkerson, Olga Trofimova, and Natalie Percy.